

Message Text

LIMITED OFFICIAL USE

PAGE 01 STATE 091337

10

ORIGIN AF-18

INFO OCT-01 ISO-00 INT-08 EB-11 COME-00 TRSE-00 AID-20

CU-04 CIAE-00 INR-10 NSAE-00 PA-04 RSC-01 USIA-15

PRS-01 SP-03 /096 R

DRAFTED BY AF/E:RBRESLER:BR

APPROVED BY AF/E:WBCOOTE

BUREAU OF MINES:JWEST (IN DRAFT)

EB/ICD/ISM:DNEYERS (IN DRAFT)

----- 026281

R 031956Z MAY 74

FM SECSTATE WASHDC

TO AMEMBASSY TANANARIVE

LIMITED OFFICIAL USE STATE 091337

E.O. 11652: N/A

TAGS: EMIN, MA, US

SUBJECT: GOMR INTEREST IN GOLD MINING

REF: TANANARIVE 0560

1. GOLD DEPOSITS SUITABLE FOR OPEN PIT MINING WITH AVERAGE GOLD CONTENT OF AROUND .14 OUNCES PER TON (4.4 GRAMS PER METRIC TON) ARE BEING DEVELOPED AT CARLIN AND CORTEZ MINES IN NEVADA. NO MINES ARE OPERATING IN U.S. WITH AVERAGE GOLD CONTENT BELOW .14 OUNCES PER TON.

2. AT CORTEZ GOLD IS BEING RECOVERED FROM ORE IN WHICH THE GOLD CONTENT IS AS LOW AS .04 OUNCES PER TON (1.24 GRAMS PER METRIC TON) THROUGH THE NEW HEAP LEACHING TECHNIQUE (A CYANIDE PROCESS). CARLIN MINE ALSO USES THIS TECHNIQUE ON LOW GRADE ORE ON A SMALLER SCALE. AT BOTH MINES HIGHER GRADE ORE IS PROCESSED WITH THE TRADITIONAL CYANIDE PROCESS. THE HEAP LEACHING TECHNIQUE ACHIEVES LOWER RATE OF RECOVERY OF THE GOLD IN THE ORE BUT AVOIDS COSTLY GRINDING OF ORE. IT IS NOT PRACTICAL TO TREAT SOME

LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 STATE 091337

TYPES OF ORES WITH THIS TECHNIQUE. WE ARE POUCHING

ARTICLES ON HEAP LEACHING TECHNIQUE TO YOU.

3. DUE TO ITS SMALL STAFF AND THE LARGE NUMBER OF VISITORS
CORTEX MINE WOULD BE WILLING TO GIVE ONLY A TWO HOUR
TOUR OF ITS OPERATIONS. NO VISITORS ARE SHOWN THE HEAP
LEACHING PROCESS AS CORTEZ IS TRYING TO SELL ITS TECHNOLOGY.

CARLIN MINE IS WILLING TO GIVE A MORE COMPLETE TOUR, IN-
CLUDING VISITS TO ITS HEAP LEACHING FACILITIES. THE
SALT LAKE CITY METALLURGY RESEARCH CENTER WOULD ALSO BE
WILLING TO RECEIVE MALAGASY TECHNICIANS.

4. IN THE U.S. ONLY A FEW VERY SMALL MINES STILL USE THE
AMALGAMATION PROCESS BECAUSE OF THE RESULTING STREAM
POLLUTION.

5. DEPT AND BUREAU OF MINES WOULD BE PLEASED TO ARRANGE
VISITS TO GOLD MINES.

6. WOULD APPRECIATE BEING INFORMED OF ANY MOVEMENT TO
DEVELOP MALAGASY GOLD DEPOSITS. RUSH

LIMITED OFFICIAL USE

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: TECHNICAL ASSISTANCE, GOLD MINING, NEVADA, TECHNOLOGICAL EXCHANGES, VISITS
Control Number: n/a
Copy: SINGLE
Draft Date: 03 MAY 1974
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: garlanwa
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1974STATE091337
Document Source: CORE
Document Unique ID: 00
Drafter: RBRESLER:BR
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D740107-0955
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1974/newtext/t19740575/aaaacpjr.tel
Line Count: 82
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN AF
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: TANANARIVE 0560
Review Action: RELEASED, APPROVED
Review Authority: garlanwa
Review Comment: n/a
Review Content Flags:
Review Date: 03 SEP 2002
Review Event:
Review Exemptions: n/a
Review History: RELEASED <03 SEP 2002 by boyleja>; APPROVED <13 JAN 2003 by garlanwa>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: GOMR INTEREST IN GOLD MINING
TAGS: EMIN, MA, US
To: TANANARIVE
Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005